

## **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **LISTING OF CLAIMS:**

1-6. (Cancelled)

7. (New) A fuel injector for a fuel injection system of an internal combustion engine, comprising:

a solenoid coil;

an armature acted upon in a closing direction by the restoring spring;

and

a valve needle, which is connected to the armature by force-locking and at which a valve-closure member is formed, which forms a sealing seat together with a valve-needle surface, the armature striking against a stop face of an inner pole of the solenoid coil by way of an armature stop face, at least one of the armature stop face and the stop face having a coating, the coating having a surface structure having raised areas and recessed areas.

8. (New) The fuel injector according to claim 7, wherein the raised areas have a dome-shaped design.

9. (New) The fuel injector according to claim 7, wherein a height difference between the raised and recessed areas is dimensioned such that it is greater than a removal of the raised areas occurring as a result of loading.

10. (New) The fuel injector according to claim 9, wherein the height difference is between 5  $\mu\text{m}$  and 10  $\mu\text{m}$ .

11. (New) The fuel injector according to claim 7, wherein the coating is made of chromium.

12. (New) The fuel injector according to claim 11, wherein the coating is made up of a plurality of chromium layers.